

IN THE CLAIMS:

Please amend Claims 1, 16 and 31 as shown below. The claims, as pending in the subject application, now read as follows:

1. (Currently amended) An information processing apparatus comprising:

a holding unit adapted to hold print data;

an issuing unit adapted to issue reference information corresponding to the print data held by said holding unit, to a plurality of printing apparatuses including at least both of a first printing apparatus and a second printing apparatus;

a first receiving unit adapted to receive an acquisition request of the print data transmitted from the first printing apparatus on the basis of the reference information;

a first transmission unit adapted to transmit the print data to the first printing apparatus in response to the acquisition request received by said first receiving unit;

a judgment unit adapted to judge whether or not the transmission of the print data by said first transmission unit succeeded;

a second receiving unit adapted to receive an acquisition request of the print data transmitted from the second printing apparatus on the basis of the reference information; and

a second transmission unit adapted to not transmit the data to the second printing apparatus in response to the acquisition request transmitted from the second printing apparatus in a case where it is judged by said judgment unit that the transmission of the print data succeeded, and adapted to transmit the data to the second printing

apparatus among the plurality of printing apparatuses in response to the acquisition request transmitted from the second printing apparatus in a case where it is not judged by said judgment unit that the transmission of the print data succeeded.

2. (Previously presented) The information processing apparatus according to claim 1, wherein said issuing unit is a Web server function processing means.

3. (Previously presented) The information processing apparatus according to claim 1, wherein said print data is transmitted via said predetermined communication medium,

the apparatus further comprising a third receiving unit adapted to receive print data that is transmitted via a predetermined communication medium,

wherein said holding unit holds print data received by said third receiving unit and said issuing unit issues reference information for performing pull print corresponding to the print data held in said holding unit.

4. (Previously presented) The information processing apparatus according to claim 1, further comprising a notifying unit adapted to notify a second information processing apparatus, which is made communicatable via a predetermined communication medium, of said reference information.

5. (Previously presented) The information processing apparatus according to claim 1, further comprising:

a recognizing unit adapted to recognize whether or not said printing apparatus that is made communicatable via the predetermined communication medium corresponds to pull print; and

a determining unit adapted to determine whether a print request for push print or a print request for pull print is issued to said printing apparatus according to recognition of said recognizing unit.

6. and 7. (Canceled)

8. (Original) The information processing apparatus according to claim 2, wherein said predetermined protocol is an Internet printing protocol.

9. (Original) The information processing apparatus according to claim 2, wherein a print request in compliance with said predetermined protocol is a Pull request for obtaining said print data and the Pull request includes at least a GET method of an HTTP protocol or a get subcommand of an FTP protocol.

10. (Original) The information processing apparatus according to claim 1, wherein said reference information for performing pull print is information for specifying a storing place of print data stored in a storage unit and includes at least a URL.

11. (Previously presented) The information processing apparatus according to claim 1, further comprising a deleting unit adapted to delete said print data held in said holding unit according to a response from the print apparatus to which the print data is transferred.

12. (Previously presented) The information processing apparatus according to claim 11, wherein said deleting unit means recognizes information for instructing whether or not said print data held in said holding unit is to be deleted and controls to switch whether or not said print data is to be deleted according to the recognition.

13. (Previously presented) The information processing apparatus according to claim 2, wherein said Web server function processing unit manages said print data held in said holding unit and starts server function processing for performing Web server function processing in compliance with a predetermined protocol when a print request is issued from an application to a printing system.

14. (Original) The information processing apparatus according to claim 13, wherein said printing system includes a printer driver and a print spooler.

15. (Canceled)

16. (Currently amended) An information processing method comprising:

- a step of holding print data;
- a step of issuing reference information corresponding to the print data held in said holding step, to a plurality of printing apparatuses including at least both a first printing apparatus and a second printing apparatus;
- a first receiving step of receiving an acquisition request of the print data transmitted from the first printing apparatus on the basis of the reference information;
- a first transmitting step of transmitting the print data to the first printing apparatus in response to the acquisition request received in said first receiving step;
- a judging step of judging whether or not the transmission of the print data in said first transmission step succeeded;
- a second receiving step of receiving an acquisition request of the print data transmitted from the second printing apparatus on the basis of the reference information;
- and
- a second transmission step of not transmitting the data to the second printing apparatus in response to the acquisition request transmitted from the second printing apparatus in a case where it is judged in said judging step that the transmission of the print data succeeded, and transmitting the data to the second printing apparatus among the plurality of printing apparatuses in response to the acquisition request transmitted from the second printing apparatus in a case where it is not judged in said judging step that the transmission of the print data succeeded.

17. (Previously presented) The information processing method according to claim 16, wherein said issuing step is a Web server function processing step in compliance with a predetermined protocol.

18. (Previously presented) The information processing method according to claim 16, wherein said print data is transmitted via said predetermined communication medium,

the method further comprising a step of receiving print data that is transmitted via a predetermined communication medium,

wherein said holding step holds print data received in said receiving step and said issuing step issues reference information for performing pull print corresponding to the print data held in said holding step.

19. (Previously presented) The information processing method according to claim 16, further comprising a step of notifying a second information processing apparatus, which is made communicatable via a predetermined communication medium, of said reference information.

20. (Original) The information processing method according to claim 16, further comprising:

a step of recognizing whether or not said printing apparatus that is made communicatable via the predetermined communication medium corresponds to pull print; and

a step of determining whether a print request for push print or a print request for pull print is issued to said printing apparatus according to recognition of said recognizing step.

21. and 22. (Canceled)

23. (Original) The information processing method according to claim 17, wherein said predetermined protocol is an Internet printing protocol.

24. (Original) The information processing method according to claim 17, wherein a print request in compliance with said predetermined protocol is a Pull request for obtaining said print data and the Pull request includes at least a GET method of an HTTP protocol or a get subcommand of an FTP protocol.

25. (Original) The information processing method according to claim 16, wherein said reference information for performing pull print is information for specifying a storing place of print data stored in a storage unit and includes at least a URL.

26. (Original) The information processing method according to claim 16, further comprising a step of deleting said print data held in said holding step according to a response from said print apparatus to which said print data is transferred.

27. (Original) The information processing method according to claim 26, wherein said deleting step recognizes information for instructing whether or not said print data held in said holding step is to be deleted and controls to switch whether or not said print data is to be deleted according to the recognition.

28. (Original) The information processing method according to claim 17, wherein said Web server function processing step manages said print data held in said holding step and starts server function processing for performing Web server function processing in compliance with a predetermined protocol when a print request is issued from an application to a printing system.

29. (Original) The information processing method according to claim 28, wherein said printing system includes a printer driver and a print spooler.

30. (Canceled)

31. (Currently amended) A computer readable storage medium storing a program for executing:

a step of holding print data;

a step of issuing reference information corresponding to the print data held in said holding step, to a plurality of printing apparatuses including at least both of a first printing apparatus and a second printing apparatus;



a first receiving step of receiving an acquisition request of the print data transmitted from the first printing apparatus on the basis of the reference information;

a first transmitting step of transmitting the print data to the first printing apparatus in response to the acquisition request received in said first receiving step;

a judging step of judging whether or not the transmission of the print data in said first transmitting step succeeded;

a second receiving step of receiving an acquisition request of the print data transmitted from the second printing apparatus on the basis of the reference information; and

a second transmitting step of not transmitting the data to the second printing apparatus in response to the acquisition request transmitted from the second printing apparatus in a case where it is judged in said judging step that the transmission of the print data succeeded, and transmitting the data to the second printing apparatus among the plurality of printing apparatuses in response to the acquisition request transmitted from the second printing apparatus in a case where it is not judged in said judging step that the transmission of the print data succeeded.

32. to 34. (Canceled)

35. (Previously presented) The information processing apparatus according to claim 1, wherein said second transmission unit transmits an error to the second printing apparatus in response to the acquisition request transmitted from the

second printing apparatus in the case where it is judged by said judgment unit that the transmission of the print data succeeded.

36. (Previously presented) The information processing method according to claim 16, wherein said second transmission control step an error to the second printing apparatus in response to the acquisition request transmitted in the second transmission control step in the case where it is judged in said judging step that the transmission of the print data succeeded.

37. (Previously presented) An information processing apparatus comprising:

a holding unit adapted to hold print data;

an issuing unit adapted to issue reference information corresponding to the print data held by said holding unit, to a plurality of printing apparatuses;

a receiving unit adapted to receive an acquisition request of the print data, transmitted from any of the plurality of printing apparatuses based on the reference information;

a judging unit adapted to judge whether or not the acquisition request received by said receiving unit is the acquisition request first received in regard to the print data; and

a transmission control unit adapted to transmit the print data to the printing apparatus which transmitted the acquisition request in a case where it is judged by said judging unit that the received acquisition request is the first-received acquisition request or

in a case where it is not judged by said judging unit that the received acquisition request is the first-received acquisition request and transmission of the print data to another printing apparatus failed, and not to transmit the print data to the printing apparatus which transmitted the acquisition request in a case where it is not judged by said judging unit that the received acquisition request is the first-received acquisition request and transmission of the print data to another printing apparatus has been completed.

38. (Previously presented) An information processing method comprising:  
a holding step of holding print data;  
an issuing step of issuing reference information corresponding to the print data held in said holding step, to a plurality of printing apparatuses;

a receiving step of receiving an acquisition request of the print data, transmitted from any of the plurality of printing apparatuses based on the reference information;

a judging step of judging whether or not the acquisition request received in said receiving step is the acquisition request first received in regard to the print data; and

a transmission control step of transmitting the print data to the printing apparatus which transmitted the acquisition request in a case where it is judged in said judging step that the received acquisition request is the first-received acquisition request or in a case where it is not judged in said judging step that the received acquisition request is the first-received acquisition request and transmission of the print data to another printing apparatus failed, and not transmitting the print data to the printing apparatus which transmitted the acquisition request in a case where it is not judged in said judging step that

the received acquisition request is the first-received acquisition request and transmission of the print data to another printing apparatus has been completed.

39. (Previously presented) A storage medium which stores a computer-readable program for executing an information processing method comprising:

a holding step of holding print data;

an issuing step of issuing reference information corresponding to the print data held in said holding step, to a plurality of printing apparatuses;

a receiving step of receiving an acquisition request of the print data, transmitted from any of the plurality of printing apparatuses based on the reference information;

a judging step of judging whether or not the acquisition request received in said receiving step is the acquisition request first received in regard to the print data; and

a transmission control step of transmitting the print data to the printing apparatus which transmitted the acquisition request in a case where it is judged in said judging step that the received acquisition request is the first-received acquisition request or in a case where it is not judged by said judging unit that the received acquisition request is the first-received acquisition request and transmission of the print data to another printing apparatus failed, and not transmitting the print data to the printing apparatus which transmitted the acquisition request in a case where it is not judged in said judging step that the received acquisition request is the first-received acquisition request and transmission of the print data to another printing apparatus has been completed.